

## EAST SEARCH

3/18/04

L#	Hits	Search String	Databases
L1	240	computer\$1 with "high speed" with ("mass storage" or "storage system")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	2342	computer\$1 with "disk drive" with ("mass storage" or "storage system")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	2638	(computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	43	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	9	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	47	((computer\$1 with "high speed" or "disk drive" with ("mass storage" or "storage system")) ar	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	41	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	1	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	6	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	14	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	2	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	280	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	28	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L14	16	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 w	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L15	18	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L16	7	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L18	3	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 w	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L19	0	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 w	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L20	31	((computer\$1 with "high speed" with ("mass storage" or "storage system")) or (computer\$1 wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L21	10550	computer\$1 with ("mass storage" or "disk array")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L22	77	(computer\$1 with ("mass storage" or "disk array")) and (air with flow with (cooling or opening)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L23	5674	(computer\$1 with ("mass storage" or "disk array")) and (disk with drives)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L24	59	((computer\$1 with ("mass storage" or "disk array")) and (disk with drives)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L25	683	disk interface with "disk drive"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L26	8	disk interface with "disk drive" with module	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L27	4173	("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	187	("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	15	((("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device") wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	5	((("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device") wi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	74	((("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device") a	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	134	((("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device") a	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	26	((("disk interface" or (circuit adj (board\$1 or card\$1))) with ("disk drive" or "storage device"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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Results of search set L10:(computer\$1 with ("high speed" or "disk drive") with ("mass storage" or "storage system")) and (bypass with (circuit\$1 or interface or board or card))

Document Kind Codes Title Issue Date Current OR Abstract

US 20030079156 A1 System and method for locating a failed storage device in a data storage system 20030424 714/4

US 20030065890 A1 Method and apparatus for updating and invalidating store data 20030403 711/41

US 20020193896 A1	Speaker apparatus and a computer system incorporating same	20021219	700/94
US 20020046276 A1	Fibre channel diagnostics in a storage enclosure	20020418	709/224
US 20020044561 A1	Cross-point switch for a fibre channel arbitrated loop	20020418	370/403
US 20010054137 A1	CIRCUIT ARRANGEMENT AND METHOD WITH IMPROVED BRANCH PREFETCHING FOR FIBER CHANNEL PORT BY-PASS SELECTOR SECTION FOR DUAL PORTED DISK DRIVES	20011220	712/11
US 6636934 B1	Fiber channel by-pass	20031021	711/1
US 6629216 B1	Fibre channel data storage system having improved front-end I/O adapted hub	20030930	711/154
US 6615315 B1	Data storage having environmental communication module (ECM)	20030902	711/114
US 6597232 B1	Fibre channel data storage system having expansion/contraction	20030722	327/407
US 6581136 B1	Fibre channel data storage system	20030617	711/114
US 6574687 B1	Fibre channel data storage system	20030603	710/38
US 6567890 B1	Fibre channel port by-pass selector section for dual ported disk drives	20030520	711/114
US 6567489 B1	Method and circuitry for acquiring a signal in a read channel	20030520	375/376
US 6560683 B1	Fibre channel data storage system having improved rear-end I/O adapted hub	20030506	711/154
US 6560573 B1	Storage controller with hardware emulation controller for emulation between control processor and a computer system incorporating same	20030506	703/27
US 6546298 B1	System and method for maintaining synchronization in a computer storage system	20030408	700/94
US 6539492 B1	Updating and invalidating store data and removing stale cache lines in a prevalidated tag cache	20030325	713/501
US 6470437 B1	Computer storage system controller incorporating control store memory with primary and secondary remote reboot of hung systems in a data processing system	20021022	711/207
US 6438689 B1	Remote reboot of hung systems in a data processing system	20021015	714/6
US 6370254 B1	Audio-visual reproduction	20020820	713/2
US 6260155 B1	Network information server	20020409	381/104
US 6219753 B1	Fiber channel topological structure and method including structure and method for raid device	20010710	714/4
US 6218821 B1	Computer storage system incorporating marginable power supply and power-up bypass circuit	20010417	711/114
US 6085209 A	Method and system for performing an IIR filtering operation	20010417	323/299
US 6055228 A	Methods and apparatus for dynamic topology configuration in a daisy-chained communication	20000704	708/320
US 6000835 A	Method and system for performing an L.sub.1 norm operation	20000425	370/258
US 5987627 A	Methods and apparatus for high-speed mass storage access in a computer system	19991214	708/670
US 5951628 A	Method and system for performing a convolution operation	19991116	714/48
US 5936871 A	Method and system for performing an L.sub.2 norm operation	19990914	708/420
US 5928370 A	Method and apparatus for verifying erasure of memory blocks within a non-volatile memory system	19990810	708/517
US 5919253 A	Hot-switchable SCSI controller having output drivers with quick turn-on	19990727	714/48
US 5832214 A	Method and apparatus for data security for a computer	19990706	710/302
US 5822784 A	Mechanism supporting execute in place read only memory applications located on removable	19981103	713/202
US 5771391 A	Computer processor having a pipelined architecture and method of using same	19981013	711/208
US 5761104 A	Computer processor having a pipelined architecture which utilizes feedback and method of use	19980623	712/1
US 5721698 A	Method and system for performing an FIR filtering operation	19980602	708/517
US 5657283 A	Computer processor having a pipelined architecture which utilizes feedback and method of use	19980224	708/517
US 5623637 A	Encrypted data storage card including smartcard integrated circuit for storing an access pass	19970812	708/517
US 5623597 A	Secure data storage system for a computer wherein a heat transfer apparatus cools a data storage system self-test apparatus and method	19970422	711/164
US 5615335 A	Integrated circuit servo system control for computer mass storage device with distributed control	19970422	713/200
US 5586306 A	Sequence, timing and synchronization technique for servo system controller of a computer disk	19961217	711/112
US 5477103 A	Modular unitary disk file subsystem with differing density zones	19951219	318/601
US 4858034 A	Modular unitary disk file subsystem having increased data storage capacity	19890815	360/51
US 4825321 A	Mass memory system addressing circuit	19890425	360/51
US 4559620 A		19851217	367/78